

KERAFOL Keramische Folien GmbH

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1 Identification of the substance / preparation and of the company**Product:** Keraflex® Garnierschlicker**Registration number:** not applicable**Use:** See product designation**Identified use:** none**Method of operation:** See product information.**Company:** KERAFOL Keramische Folien GmbH

Stegenthumbach 4-6

92676 Eschenbach

Phone: +49 (0) 9645 88-300**Fax:** +49 (0) 9645 88-390**Homepage:** www.kerafol.com**E-mail:** info@kerafol.com**Emergency phone:** +49 (0) 89-19240 (24h) .**Responsible:** Simonavicius@chemiebuero.de**2 Hazards identification****Physico-chemical hazards:** No particular hazards known.**Human health dangers:** No particular hazards known.**Environmental hazards:** No particular hazards known.**Other hazards:** none**Hazard symbols:****R-phrases:** none**3 Composition / Information on ingredients**

Silicon dioxide, quartz 1 - < 20%

CAS: 14808-60-7, EINECS/ELINCS: 238-878-4, EU-INDEX: , ECBnr:

Comment on component parts: not applicable**4 First aid measures****General information:** Change soaked clothing.**Inhalation:** Ensure supply of fresh air. In the event of symptoms seek for medical treatment.**Skin contact:** When in contact with the skin, clean with soap and water. Consult a doctor if skin irritation persists.**Eye contact:** In case of contact with eyes rinse thoroughly with water. In the event of symptoms seek for medical treatment.**Ingestion:** Supply with medical care. Induce the patient to vomit of his own accord only if fully conscious. Rinse out mouth and give plenty of water to drink.**Advice to doctor:** Treat symptomatically.**5 Fire-fighting measures****Suitable extinguishing media:** Product itself is non-combustible. Fire extinguishing method of surrounding areas must be considered.**Extinguishing media that must not be used:** Full water jet.**Special exposure hazards arising from the substance or preparation itself or combustion products:** Risk of formation of toxic pyrolysis products.**Special protective equipment for firefighters:** Use self-contained breathing apparatus.**Additional information:** Fire residues and contaminated firefighting water must be disposed of in accordance within the local regulations.

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6 Accidental release measures

- Personal precautions:** High risk of slipping due to leakage/spillage of product.
- Environmental precautions:** Do not discharge into the drains/surface waters/groundwater.
- Methods for cleaning up:** Pick up with absorbent material (e.g. sand, sawdust, universal absorbent, diatomaceous earth). Dispose of absorbed material in accordance within the regulations.

7 Handling and storage

- Advice on safe handling:** During thermal processing and/or machining vacuuming at processing machines is necessary.
- Advice on protection against fire and explosion:** No special measures necessary.
- Requirements for storage rooms and vessels:** Keep only in original container.
- Advice on storage compatibility:** none
- Further information on storage conditions:** Keep container in a well-ventilated place. Do not store at temperatures below 0 °C.

8 Exposure controls / personal protection

Additional advice on system design: Ensure adequate ventilation on workstation.

Ingredients with occupational exposure limits to be monitored: (GB)

Silicon dioxide, quartz	1 - < 20%
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0,3mg/m³*, General remarks: respirable crystalline, 14/3,37,38,51/2,76

* LTEL: Long-term exposure limit

- Respiratory protection:** not applicable
- Hand protection:** Butyl rubber, >120 min (EN 374).
- Eye protection:** Safety glasses.
- Skin protection:** not applicable
- General protective measures:** Avoid contact with eyes and skin. Do not inhale vapours.
- Hygiene measures:** Wash hands before breaks and after work. Use barrier skin cream.
- Delimitation and monitoring of the environmental exposition:** not applicable

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9 Physical and chemical properties

Form:	liquid
Color:	beige
Odor:	characteristic
pH-value:	6-8
pH-value [1%]:	neutral
Boiling point [°C]:	ca. 100
Flash point [°C]:	not applicable
Flammability [°C]:	not applicable
Lower explosion limit:	not applicable
Upper explosion limit:	not applicable
Combustible properties:	no
Vapour pressure [kPa]:	not determined
Density [g/ml]:	ca. 1,45
Density [°C]:	20°C
Bulk density [kg/m³]:	not applicable
Solubility in water:	partially miscible
Partition coefficient [n-octanol/water]:	not determined
Viscosity:	not applicable
Relative vapour density determined in air:	not determined
Evaporation speed:	not determined
Melting point [°C]:	not determined
Autoignition temperature [°C]:	not applicable
Decomposition temperature [°C]:	not determined

10 Stability and reactivity

Hazardous reactions:	No hazardous reactions known.
Hazardous decomposition products:	No hazardous decomposition products known.

11 Toxicological information

Acute oral toxicity:	not determined
Acute dermal toxicity:	not determined
Acute inhalational toxicity:	not determined
Irritant effect on eye:	not determined
Irritant effect on skin:	not determined
Sensitization:	not determined
Subacute toxicity:	not determined
Chronic toxicity:	not determined
Mutagenicity:	not determined
Reproduction toxicity:	not determined
Carcinogenicity:	not determined
Experiences made in practice:	none
General remarks:	No classification on the basis of the calculation procedure of the preparation directive.

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12 Ecological information

Fish toxicity:	not determinated
Daphnia toxicity:	not determinated
Behaviour in environment compartments:	not determinated
Behaviour in sewage plant:	not determinated
Bacteria toxicity:	not determinated
Biological degradability:	not determinated
COD:	not determinated
BOD 5:	not determinated
AOX-advice:	The product contains organically bound halogen in accordance with the formulation.
2006/11/EC:	yes
General information:	Ecological data are not available.

13 Disposal considerations

Disposal / Product:	For recycling, consult manufacturer.
Disposal / Contaminated packaging:	Uncontaminated packaging may be taken for recycling.
Waste no. (recommended):	101201

14 Transport information

Classification according to ADR:	no dangerous goods
- Classification Code:	
- ADR Limited Quantities:	
- Label:	
Classification according to IMDG:	not classified as "Dangerous Goods" - -
- IMDG Limited Quantities:	
- Label:	
Classification according to IATA:	not classified as "Dangerous Goods"
- Label:	

15 Regulatory information

Exposure scenario:	not applicable
Chemical safety report:	not applicable
Labelling:	The product does not require a hazard warning label in accordance with EC-directives.
Hazard symbols:	
R-phrases:	none
S-phrases:	none
Special labelling for certain preparations:	none
Authorisation, TITEL VII:	not applicable
Restrictions, TITEL VIII:	not applicable
EEC-REGULATIONS:	1967/548 (2004/73, 29. ATP); 1991/689 (2001/118); 1999/13; 2004/42; 648/2004; 1907/2006.
TRANSPORT-REGULATIONS:	ADR (2007); IMDG-Code (33. Amdt.); IATA-DGR (2007).
NATIONAL REGULATIONS (GB):	EH40/2002 Occupational Exposure Limits Supplement 2003.

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16 Other informations

Observe employment restrictions for people:	no
VOC (1999/13/CE):	not applicable
Customs Tariff:	not determinated
2004/42/CE:	not applicable

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.